

## ix Tp A EtherRail 4x2xAWG26/7 Cat.7 3.0m



Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 33 48 010 1819 030  |
| Specification      | ix Tp A EtherRail 4x2xAWG26/7 Cat.7 3.0m  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/33480101819030">https://b2b.harting.com/33480101819030</a> |

### Identification

|                          |                                    |
|--------------------------|------------------------------------|
| Category                 | System cabling                     |
| Series                   | HARTING ix Industrial®             |
| Element                  | Cable assemblies                   |
| Specification            | Pre-assembled on both sides        |
| Connector 1              | HARTING ix Industrial® Type A      |
| Connector 2              | HARTING ix Industrial® Type A      |
| Type of cable            | Copper cable (round)               |
| Description of the cable | for railway applications           |
| Features                 | electron beam crosslinked Comp 752 |

### Version

|                    |                 |
|--------------------|-----------------|
| Cable length       | 3 m             |
| Number of cores    | 8               |
| Core structure     | 4x 2x AWG 26/7  |
| Termination method | IDC termination |
| Coding             | Type A          |

### Technical characteristics

|                              |  |
|------------------------------|--|
| Transmission characteristics | Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz |
|------------------------------|--|



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## Technical characteristics

|                        |  |
|------------------------|--|
| Data rate              | 10 Mbit/s                                      |
|                        | 100 Mbit/s                                     |
|                        | 1 Gbit/s                                       |
|                        | 2.5 Gbit/s                                     |
|                        | 5 Gbit/s                                       |
|                        | 10 Gbit/s                                      |
| Limiting temperature   | -40 ... +80 °C unmoved<br>-40 ... +80 °C moved |
| Cable diameter         | 6.4 ... 6.8 mm                                 |
| Minimum bending radius | 6x Cable diameter                              |

## Material properties

|                                      |   |
|--------------------------------------|---|
| Material (cable)                     | Polyolefin copolymer electron beam crosslinked Comp 752 |
| Colour (cable)                       | Black   |
| RoHS                                 | compliant   |
| ELV status                           | compliant   |
| China RoHS                           | e   |
| REACH Annex XVII substances          | Not contained   |
| REACH ANNEX XIV substances           | Not contained   |
| REACH SVHC substances                | Not contained   |
| California Proposition 65 substances | Not contained   |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | EN 45545-2 Fire protection on railway vehicles |
|                | NFPA 130 Fire protection on railway vehicles   |
|                | UN/ECE-R 118 fire protection for rolling stock |
|                | EN 50155 Shock and vibration resistance        |
|                | EN 60811-403 Resistance to ozone               |
|                | EN 60811-404 Oil resistance                    |
|                | EN 50618 UV resistant                          |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140259669                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |